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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/561,901	12/21/2005	Philip Head	608-472	3220
23117 7590 01/23/2008 NIXON & VANDERHYE, PC 901 NORTH GLEBE ROAD, 11TH FLOOR			EXAMINER	
			DANG, HOANG C	
ARLINGTON, VA 22203			ART UNIT	PAPER NUMBER
			3672	
		•		
		•	MAIL DATE	DELIVERY MODE
			01/23/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-	-	Application No.	Applicant(s)				
Office Action Summary		10/561,901	HEAD ET AL.				
		Examiner	Art Unit				
		Hoang Dang	3672				
<i>TI</i> Period for R	he MAILING DATE of this communication app eply	ears on the cover sheet with	the correspondence address				
WHICHE - Extensions after SIX (- If NO perio - Failure to a Any reply i	TENED STATUTORY PERIOD FOR REPLY VER IS LONGER, FROM THE MAILING DASS of time may be available under the provisions of 37 CFR 1.13 (6) MONTHS from the mailing date of this communication. But for reply is specified above, the maximum statutory period we reply within the set or extended period for reply will, by statute, received by the Office later than three months after the mailing tent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICA B6(a). In no event, however, may a reply rill apply and will expire SIX (6) MONTH cause the application to become ABAN	TION. y be timely filed S from the mailing date of this communication. DONED (35 U.S.C. § 133).				
Status			•				
1) Res	sponsive to communication(s) filed on	_•					
2a)∐ Thi	s action is FINAL . 2b) ☐ This	action is non-final.					
3)∐ Sin	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
clos	sed in accordance with the practice under E	x parte Quayle, 1935 C.D. 1	1, 453 O.G. 213.				
Disposition (of Claims		•				
4)⊠ Claim(s) <u>31-60</u> is/are pending in the application.							
	4a) Of the above claim(s) is/are withdrawn from consideration.						
5) <u></u> Cla	5) Claim(s) is/are allowed.						
6) <u></u> Cla	6) Claim(s) is/are rejected.						
7) <u></u> Cla	im(s) is/are objected to.						
8)⊠ Cla	im(s) 31-60 are subject to restriction and/or	election requirement.					
Application I	Papers						
9)∏ The	specification is objected to by the Examiner	•					
	drawing(s) filed on is/are: a) acce		the Examiner.				
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Rep	placement drawing sheet(s) including the correction	on is required if the drawing(s)	is objected to. See 37 CFR 1.121(d).				
11) The	oath or declaration is objected to by the Exa	aminer. Note the attached C	office Action or form PTO-152.				
Priority unde	er 35 U.S.C. § 119						
	nowledgment is made of a claim for foreign Ⅱ b)☐ Some * c)☐ None of:	priority under 35 U.S.C. § 1	19(a)-(d) or (f).				
1.	1. Certified copies of the priority documents have been received.						
2.	2. Certified copies of the priority documents have been received in Application No						
3.	- '	-	ceived in this National Stage				
	application from the International Bureau						
* See t	the attached detailed Office action for a list of	of the certified copies not rec	ceived.				
Attachment(s)							
_	References Cited (PTO-892)	4) Interview Sum	mary (PTO-413)				
2) 🔲 Notice of D	Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/M	lail Date mal Patent Application				
	n Disclosure Statement(s) (PTO/SB/08) s)/Mail Date	6) Other:	man atent Application				

Application/Control Number: 10/561,901

Art Unit: 3672

Election/Restrictions

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claim(s) 31-50 and 60, drawn to an apparatus for plastically expanding a tubular patch in a wellbore or a method for sealing a hole in a tubular in a wellbore or for sealing an open hole interval of a wellbore or a method of hanging a liner string from a cased or lined interval of a wellbore.

Group II, claim(s) 51-56, drawn to a method for sealing a hole in a tubular in a wellbore or for sealing an open hole interval of a wellbore.

Group III, claim(s) 57, drawn to a patch for deployment in a wellbore at a location below a restriction.

Group IV, claim(s) 58-59, drawn to a plastically expandable tubular metal patch.

2. The inventions listed as Groups I-IV do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

The special technical feature of the claims of Group I is the apparatus for plastically expanding the tubular patch or liner that comprises an gripping assembly, a rotatable expander tool and at least one electric motor as recited.

The special technical feature of the claims of Group II is the separate steps of expanding a first portion of the tubular patch above the hole and a second portion of the tubular patch below the hole.

The special technical feature of the claims of Group III is a deformed irregularly shaped metal tube capable of being reformed into a substantially regular shaped tube wherein the expansion ration of the reformed tube is in the range of 10-30%.

The special technical feature of the claims of Group IV is the tubular metal patch has adjacent sections of different wall thickness and the difference in thickness corresponds to the radial distance over which the section of the metal tube of increased wall thickness is to be plastically expanded.

Groups I-IV lack unity because they rely on different special technical features as pointed out above.

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3. Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement may be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

- 4. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).
- 5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoang Dang whose telephone number is 571-272-7028. The examiner can normally be reached on 9:15-5:45 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Bagnell can be reached on 571-272-6999. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Hoang Dang Primary Examiner Art Unit 3672

